



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: LICHEN, et al

COPY OF PAPERS  
ORIGINALLY FILED

Assignee: APPLIED MATERIALS, INC.

Title: METHOD FOR GROWING THIN FILMS BY CATALYTIC ENHANCEMENT

Serial No.: 10/052,049

Confirmation Number: 1518

Filed: 01/16/2002

Group Art Unit: 1762

Attorney Docket No.: 005027 CPI/COPPER

Examiner: Unknown

Santa Clara, California  
May 3, 2002

Box Missing Parts  
COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
Attention: Manager  
Applications Division

RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF APPLICATION - FILING DATE GRANTED

Sir:

In response to the Notice to File Missing Parts of Application - Filing Date Granted mailed by the United States Patent and Trademark Office on February 14, 2002, the following documents are enclosed to complete the filing of the above-identified patent application:

1. A combined declaration and power of attorney signed by the inventor(s) in compliance with 37 CFR 1.63 (6 pages);
2. A copy of the Notice to File Missing Parts of Application - Filing Date Granted

The United States Patent and Trademark Office is hereby authorized to charge the following fees to Deposit Account 50-1074;

1. Filing Fee - Original Patent Application (37 CFR 1.16(a))

2. Fees for claims

- each independent claim in excess of 3 (37 CFR 1.16(f))
- each claim in excess of 20 (37 CFR 1.16(c))
- each multiple dependent claim (37 CFR 1.16(d))
- Late Payment of filing fee or late filing of original declaration or oath - (37 CFR 1.16(e))

Total Completion Fees

\$ 130  
\$ 130

05/15/2002 TGEDAHU1 00000080 10052049

02 FC:115 110.00 CH

3. Applicant petitions for an extension of time, the fees for which are set out in 37 CFR 1.17(a)-(d), for the total number of months checked below:

Extension (Months)	Fee for other than Small Entity
<u>X</u> One Month	\$ 110.00
<u>    </u> Two Months	\$ 400.00
<u>    </u> Three Months	\$ 920.00
<u>    </u> Four Months	\$1,440.00

**COPY OF PAPERS  
ORIGINALLY FILED**

If an additional extension of time is required please consider this a petition therefor.

4. The Commissioner is hereby authorized to charge \$240 and any additional fees which may be required, or credit any overpayment, to Deposit Account No.50-1074.

It is hereby respectfully submitted that the enclosed documents complete the filing of the above-named patent application and justify the filing date of 01/16/2002. Please telephone the undersigned at (408) 563-2726 if there are any questions regarding this matter.

Respectfully submitted,

*[Signature]*  
Robert W. Mulcahy  
Registration No. 25,436

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on 5/3/02.

Signature:

*[Signature: Maureen Walstra]*  
Maureen Walstra



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/052,049	01/16/2002	Ling Chen	AMAT 005027

MAY 13 2002

REC'D FEB 22 2002

PATENT COUNSEL  
APPLIED MATERIALS, INC.  
Legal Affairs Department  
P.O. BOX 450A  
Santa Clara, CA 95052

COPY OF PAPERS  
ORIGINALLY FILED

CONFIRMATION NO. 1518

## FORMALITIES LETTER

\*OC00000007474611\*

Date Mailed: 02/14/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

05/15/2002 TGEDAHU1 00000080 501074 10052049

FILED UNDER 37 CFR 1.53(b)

01 FC:105 130.00 CH

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- o The oath or declaration is unsigned.
- o To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- o **The balance due by applicant is \$ 130.**

*A copy of this notice MUST be returned with the reply.*

A - GEDAHU

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE